

Лабораторная работа №1

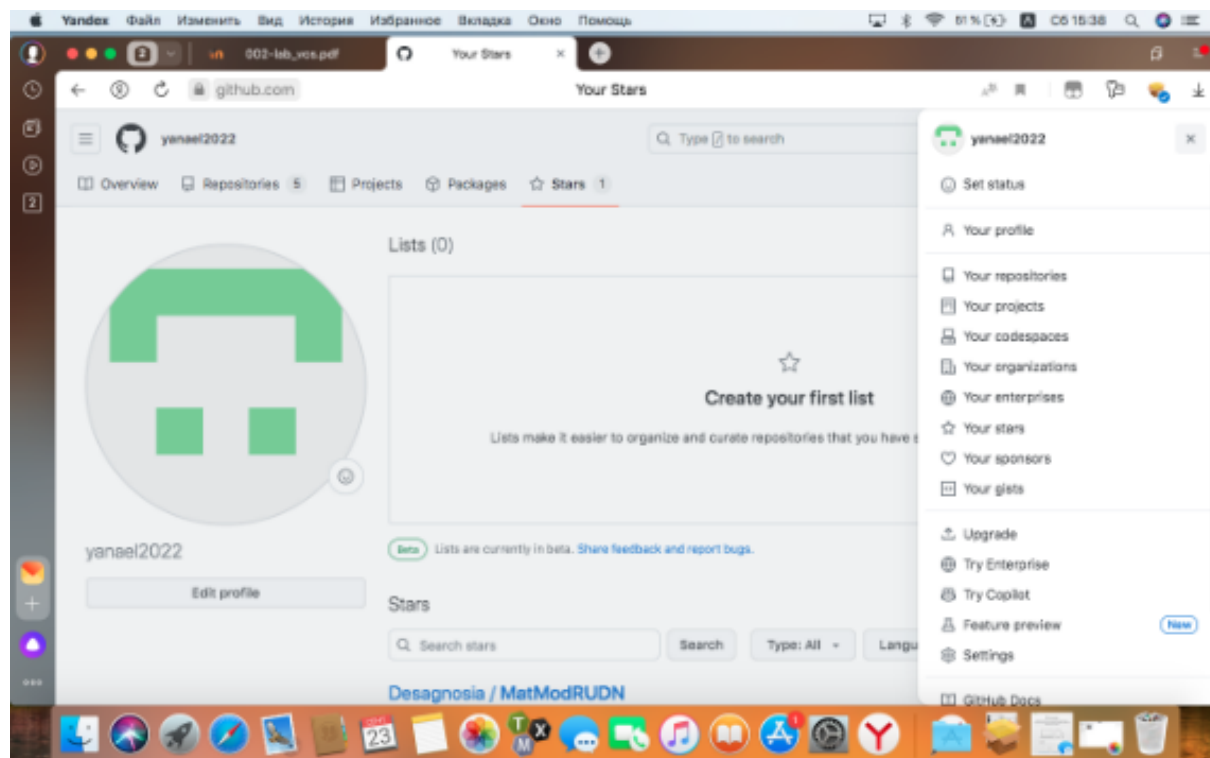
Автор: Асеева Яна Олеговна

Группа: НПМмд-02-23

Цель выполнения лабораторной работы

Целью работы является изучить идеологию и применение средств контроля версий и освоить умения по работе с git.

Регистрация на GitHub



Создание репозитория

Yandex Файл Изменить Вид История Избранное Вкладка Окно Помощь

602-lab_vcs.pdf New repository x Телекоммуникационн...

github.com New repository

Type to search

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Required fields are marked with an asterisk (*).

Owner * Repository name *

yanael2022 / nproga

nproga is available.

Great repository names are short and memorable. Need inspiration? How about [automatic-octo-fortnight](#)?

Description (optional)

Научное программирование

☒ Public
Anyone on the internet can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

Initialize this repository with:

☒ Add a README file
This is where you can write a long description for your project. [Learn more about READMEs](#).

Базовая настройка git

```
MacBook-Pro-Ana:~ yana$ git config --global user.name "yanael2022"  
MacBook-Pro-Ana:~ yana$ git config --global user.email "iana.aseewa@yandex.ru"  
MacBook-Pro-Ana:~ yana$ git config --global core.quotepath false  
MacBook-Pro-Ana:~ yana$ git config --global init.defaultBranch master  
MacBook-Pro-Ana:~ yana$ git config --global core.autocrlf input  
MacBook-Pro-Ana:~ yana$ git config --global core.safecrlf warn
```

Создание ключей и добавление в GitHub

```
MacBook-Pro-Ana:~ yana$ ssh-keygen -t rsa -b 4096
Generating public/private rsa key pair.
Enter file in which to save the key (/Users/yana/.ssh/id_rsa):
/Users/yana/.ssh/id_rsa already exists.
Overwrite (y/n)? y
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /Users/yana/.ssh/id_rsa.
Your public key has been saved in /Users/yana/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:Ev/emo8H2fjk6AGW00s8aQffGgG17p5NPnXQ5MK9Hrs yana@MacBook-Pro-Ana.local
The key's randomart image is:
+----[RSA 4096]-----+
|
|      .
|    . . . .
|  o o . . =
|    + =   + +
|  . S o+  o.
|    = B+oo .o.
|    * B*o...o
|    . =.%=  o
|    .X+=. E.
+----[SHA256]-----+
MacBook-Pro-Ana:~ yana$ ssh-keygen -t ed25519
Generating public/private ed25519 key pair.
Enter file in which to save the key (/Users/yana/.ssh/id_ed25519):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /Users/yana/.ssh/id_ed25519.
Your public key has been saved in /Users/yana/.ssh/id_ed25519.pub.
The key fingerprint is:
SHA256:HHKBeTGfbrMKNw1ZQE5TUpvfc+HIrC0W5G5xfJwiYnM yana@MacBook-Pro-Ana.local
The key's randomart image is:
+---[ED25519 256]---+
|
|  .*=*.
| oo+.* .
|  o.* +   .
|    * * = + o
|  o S E X *
|  o B X =
|  . + B .
|  o = .
|  .
+---[SHA256]-----+
MacBook-Pro-Ana:~ yana$
```

Создание курса и отправка в Github

```
facBook-Pro-Ana:~$ ssh yana$ mkdir -p ~/work/study/2023-2024/"Научное программирование"  
facBook-Pro-Ana:~$ ssh yana$ cd ~/work/study/2023-2024/"Научное программирование"
```

Вывод

В ходе выполнения работы я изучила идеологию и применение средств контроля версий и освоила умения по работе с git.